## BOEING PLANT II PH MONITORING REPORT

(REFERENCE PERMIT NO. 7139, SECTION S6.D.8)

Part I of this report is a summary of all occurrences at Metro site A4023-9 where the pH of the industrial effluent was less than 5.0. Part II provides the daily minimum and maximum pH values recorded during the month.

Reporting D	Month <u>December</u>	Reporting	Year	1994
PART_I				
		TIME		•
D - 4 -		DURATION pH		
Date	Minutes	Seconds		Total Seconds
			<del></del> -	
			<del></del> -	
	nds pH < 5.0	_		0
	nds for month of		-	2,678,400
	of time pH was bes pH $< 5.0$ for m		ıi n	0%
	es pH < 5.5 for m			0
no. or cruc	55 pii < 5.5 for m	ore chan z ne	, al B	

## PART II

	pI	ł		рн			
Date	Minimum	Maximum	Date	Minimum	Maximum		
1	7.40	8.30	17	8.90	9.76		
2	7.40	8.20	18	9.18	9.69		
3	7.40	8.70	19	9.19	9.69		
4	8.22	9.34	20	7.20	8.70		
5	8.85	9.41	21	7.30	8.20		
6	7.40	8.50	22	7.30	8.70		
7	7.40	8.50	23	7.30	8.70		
8	7.40	8.50	24	7.30	8.70		
9	8.91	9.54	25	7.30	8.70		
10	8.97	9.54	26	7.30	8.70		
11	8.83	9.55	27	7.30	8.70		
12	8.83	9.40	28	7.30	8.70		
13	6.80	9.00	29	7.30	8.70		
14	7.20	8.70	30	8.97	9.47		
15	7.30	8.40	31	8.97	9.98		
16	8.83	9.93					

BOEING DEFENSE & SPACE GROUP ENVIRONMENTAL ANALYSIS LABORATORY BOEING SPACE CENTER 18:62 BLDG. ORGN. 9-4190 M/S: 8J-55 PHONE NUMBER: 773-8934

STATION: PLT2 2-15, CAR WASH

METRO SITE # : A4023-2 PERMIT # : 7139 Enclosure to: R-1150-95-JK-01 Page 2 of 4

VIRONMENTAL ANALYSIS LABORATORY REPORT

SAMPLE C DATE	OMPLETE DATE	FOG Average mg/l
	mg/L) bs/day)	100.0
12/08/94 1 12/15/94 1 12/22/94 1	2/07/94 2/15/94 2/19/94 2/29/94 2/29/94	10.60 7.77 13.37 12.37 8.13
Min Value Max Value		7.8 13.4
Average Average (	bs/day	10.4

Sample Types:

B-DUW2-2052330

Grab Samples: FOG

'Analytical Reference:

Methods for Analysis of Water and Waste, EPA - 600/4-79-020. pH: Method 150.1; Total Metals: Method 200.7; Total Cyanide: Method 335.3; Oil & Grease: Method 413.2.

I certify under penalty of law this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Signature of Principal Executive or Authorized Agent

Date

BOEING DEFENSE & SPACE GROUP ENVIRONMENTAL ANALYSIS LABORATORY BOEING SPACE CENTER 18:62 BLDG. ORGN. 9-4190 M/S: 8J-55 PHONE NUMBER: 773-8934

STATION: PLT2 2-91, RECLAMATION YARD

METRO SITE # : A4023-5 PERMIT # : 7139 Enclosure to: R-1150-95-JK-0 Page 3 of 4

IRONMENTAL ANALYSIS LABORATORY REPORT

SAMPLE   COMPLETE   DATE	FOG Average mg/l	<u> </u>
LIMITS (mg/L) LIMITS (lbs/day)	100.0	
12/01/94   12/07/94   12/08/94   12/09/94   12/15/94   12/16/94	2.90	NO FLOW - NO SAMPLE NO FLOW- NO SAMPLE
12/22/94 12/29/94 12/26/94 12/29/94	<1.0 <1.0	
Min Value Max Value	<1.0 2.9	
Average Average lbs/day	1.6	

Sample Types:

Grab Samples: FOG

Analytical Reference:

Methods for Analysis of Water and Waste, EPA - 600/4-79-020. pH: Method 150.1; Total Metals: Method 200.7; Total Cyanide: Method 335.3; Oil & Grease: Method 413.2.

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Signature of Principal Exe

Executive of Authorized Agent

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B-DUW2-2052331

BOEING DEFENSE & SPACE GROUP ENVIRONMENTAL ANALYSIS LABORATORY BOEING SPACE CENTER 18:62 BLDG. ORGN. 9-4190 M/S: 8J-55 PHONE NUMBER: 773-8934

STATION: PLT2 2-44. Aluminum Processing Line

METRO SITE # : A4023-9 PERMIT # : 7139 Enclosure to: R-1150-95-JK-01 Page 4 of 4

RONMENTAL ANALYSIS LABORATORY REPORT

SAMPLE   COMPLETE   DATE	Chromium mg/L	Copper mg/L	Nickel mg/L	Cadmium mg/L	Lead mg/L	Zinc mg/L	Silver mg/L	FOG Average mg/l	I
LIMITS (mg/L) LIMITS (lbs/day)	2.750	3.000	2.500	0.110	0.690	2.610	0.430	100.0	
12/05/94 12/07/94 12/15/94 12/16/94 12/19/94 12/21/94 12/26/94 12/29/94	<0.020 <0.020 <0.020 <0.020	0.068 0.050 0.076 0.047	<0.017 <0.017 <0.017 <0.017	<0.010 <0.010 <0.010 <0.010	<0.039 <0.039 <0.039 <0.039	0.078 0.045 0.097 0.051	<0.010 <0.010 <0.010 <0.010 <0.010	2.60	
Min Value Max Value	<0.020 <0.020	0.047 0.076	<0.017 <0.017	<0.010 <0.010	<0.039 <0.039	0.045 0.097	<0.010 <0.010	2.6	
Average Average lbs/day	<0.020	0.060	<0.017	<0.010	<0.039	0.068	<0.010	2.6	

Sample Types:

Grab Samples: Metals, pH, Cyanide and FOG

Analytical Reference:

Methods for Analysis of Water and Waste, EPA - 600/4-79-020. pH: Method 150.1; Total Metals: Method 200.7; Total Cyanide: Method 335.3; Oil & Grease: Method 413.2.

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Signature of Principal Executive of Authorized Agent

Date